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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/784,214	02/24/2004	Yosef Kamir	VRY-004	8411
7590		11/01/2007		
Simon Kahn c/o LandonIP, Inc. Suite 450 1700 Diagonal Road Alexandria, VA 22314-2866			EXAMINER DICKER, DENNIS T	
			ART UNIT 2625	PAPER NUMBER
			MAIL DATE 11/01/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/784,214

Applicant(s)

KAMIR ET AL.

Examiner

Dennis Dicker

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 5/18/2005.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

- 1-12, 14-18, & 21-25
18/29/07
2. Claims are rejected under 35 U.S.C. 102(b) as being anticipated by Kamir et al (hereinafter "Kamir '663" 2002/0109663).

As Pertaining to Claim 1, Kamir '663 teaches a system (i.e., **Para 0054, A display system**) comprising: a screen based display system including at least a substrate (i.e., **Para 0012 , Display system comprising a display board**) ; and a detachable printing apparatus to execute printing and deletion commands (i.e., **Para 0072 , Printing system can print and erase an image**).

As Pertaining to Claim 2, Kamir '663 teaches a system further comprising a server to configure printing and deletion commands for said printing apparatus (i.e., **Para 0026, Printing and erasing means is controlled by interface and control unit**)

As pertaining to Claim 3, Kamir '663 teaches the system further comprising a server to communicate printing and deletion commands to said display system (i.e., **Para 0054, Interface and Control unit directs and controls and image on the display**).

As pertaining to Claim 4, Kamir '663 teaches the system further comprising a server to communicate printing and deletion commands to said printing apparatus. (i.e., **16 of Figure 2A and Para 0084-0089, computer system transfers commands to printer**)

As pertaining to Claim 5, Kamir '663 teaches a system wherein said printing apparatus includes a deletion unit (i.e., **22 of Fig. 2, Erasing Means**).

As pertaining to Claim 6, Kamir '663 teaches a deletion unit comprising a toner-collecting unit (i.e., **Para 0020, Erasing means include eliminators which clean and erase toner**).

As pertaining to claim 7, Kamir '663 teaches the system wherein said printing apparatus verifies the identity of said display system. (i.e., **Para 0027-0028 , printing means determines which image is to be displayed**).

As pertaining to Claim 8, Kamir '663 teaches a system wherein said screen based display system includes a first attachment mechanism (i.e., **Para 0054, Display system connected via an interface unit**), said printing apparatus includes a second attachment mechanism (i.e., **Para 0054, printing apparatus connected via an interface unit**), said first and second attachment mechanisms capable of being mated (i.e., **Para 0054 and Fig. 2, Display system and printing apparatus connected via a interface unit**).

As pertaining to Claim 9, Kamir '663 teaches a printing apparatus comprising: a printing mechanism (i.e., **Para 0056, Printing means deposits toner on display screen**); a deletion mechanism (i.e., **Para 0056 , Erasing means removes or erases**

deposited toner); and a registration mechanism (i.e., **18 of Fig. 2A , Drive Means**), to attach the printing apparatus to a display system (i.e., **Para 0014, Drive means moves display means to printing apparatus for printing**).

As pertaining to Claim 10, Kamir '663 teaches a printing apparatus comprising a controller (i.e., **14 of Fig. 2A, Interface & Controller**).

As pertaining to Claim 11, Kamir '663 teaches a printing apparatus, comprising a communication unit, to communicate with said display system (i.e., **Para 0085-0088, Interface & Controller unit communicates with display screen**).

As pertaining to Claim 12, Kamir '663 teaches a printing apparatus comprising a communication unit, to communicate with a server (i.e., **Para 0084, Interface & Controller unit communicates with host computer**).

As pertaining to Claim 14, Kamir '663 teaches a printing apparatus a toner collecting mechanism. (i.e., **Para 0020, Erasing means include eliminators, which clean and erase toner**).

As pertaining to Claim 15, Kamir '663 teaches a printable display system comprising: a display window (i.e., **12 of Fig. 2, Display screen**) ; a printing substrate (i.e., **Para 0058 , A printing screen where a color image can be created**); and a registration mechanism (i.e., **18 of Fig. 2A , Drive Means**) to connect the display system to a detachable printing apparatus (i.e., **Para 0014, Drive means moves display means to printing apparatus for printing**).

As pertaining to Claim 16, Kamir '663 teaches a printable display, comprising guiding rollers (i.e., **32 of Fig. 3, Rollers to position screens**) to enable said printing

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substrate to be positioned adjacent to printing (i.e., **Para 0056, Screens are positioned adjacent to printing means**) and deleting mechanisms of said detachable printing apparatus (i.e., **Para 0056, Screens are positioned adjacent to erasing means**).

As pertaining to Claim 17, Kamir '663 teaches a printable display comprising a communication unit (i.e., **Para 0085, Interface and control unit connected to display relays commands**).

As pertaining to Claim 18, Kamir '663 teaches a printable display, comprising a controller (i.e., **Para 0015, interface and control unit coupled to display screen**).

As pertaining to Claim 21, Kamir '663 teaches a method for printing and erasing screen based images (i.e., **Para 0032-0035, Erasing and printing a displayed image**), comprising: attaching a detachable printing apparatus to a display system (i.e., **Para 0056, Printing system is placed proximate when printing is to be done**); registering said detachable printing apparatus with said display system (i.e., **Para 0014, Drive means moves display means to printing apparatus for printing**); and executing a set of print commands (i.e., **Para 0036 , print base colors images to a single display screen**).

As pertaining to claim 22, Kamir '663 teaches the method comprising identifying said display system to said printing apparatus (i.e., **Para 0056 , Printing apparatus placed to the display screens**)

As pertaining to Claim 23, Kamir '663 teaches a method for printing and erasing screen based images, comprising: configuring printing commands in a server (i.e., **Para 0084-0085, Print commands are set in host computer**); and communicating said

commands to at least one detachable printing apparatus (**i.e., Para 0096, Host computer relays commands to printer**).

As pertaining to Claim 24, Kamir '663 teaches a method for printing and erasing screen based images, comprising deleting a previous image (**i.e., Para 0091, Erasing a previous displayed image after writing a new image**)

As pertaining to Claim 25, Kamir '663 teaches a method for printing and erasing screen based images, comprising collecting deleted toner. (**i.e., Para 0020, Erasing means include eliminators, which clean and erase toner**).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kamir '663 in view of Yasumaru (hereinafter "Yasumaru '209" 2002/0191209)

With respect to 20, Kamir '663 teaches a printable display system comprising: a display window (**i.e., 12 of Fig. 2, Display screen**) ; a printing substrate (**i.e., Para 0058 , A printing screen where a color image can be created**) ; and a registration mechanism (**i.e., 18 of Fig. 2A , Drive Means**) to connect the display system to a detachable printing apparatus (**i.e., Para 0014, Drive means moves display means to printing apparatus for printing**).

Kamir '663 does not explicitly teach a display system further comprising auxiliary rollers and slides.

However, the mentioned claimed limitations are well known in the art as evidenced by Yasumaru '209, In particular, Yasumaru '209 teaches the use of auxiliary rollers which also include auxiliary slides (i.e., Para 00036 and 36 of Fig. 1, Secondary rollers including a secondary slide)

In view of this, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the Display system of (P1) as taught by Yasumaru '209 since Yasumaru '209 suggested in Para 0036 that such a modification would permit a display system to further transfer toner images.

5. Claims 13 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kamir '663 in view of Tomida et al. (hereinafter "Tomida '001" 6,379,001)

With respect to Claim 13, Kamir '663 teaches a printing apparatus comprising: a printing mechanism (i.e., **Para 0056, Printing means deposits toner on display screen**); a deletion mechanism (i.e., **Para 0056 , Erasing means removes or erases deposited toner**); and a registration mechanism (i.e., **18 of Fig. 2A , Drive Means**), to attach the printing apparatus to a display system (i.e., **Para 0014, Drive means moves display means to printing apparatus for printing**).

Kamir '663 does not explicitly teach a printing apparatus comprising an identifying mechanism.

However, the mentioned claimed limitations are well known in the art as evidenced by Tomida '001, In particular, Tomida '001 teaches the use of an identifying mechanism such as a scanner (i.e., Col 22 Lines 19-29).

In view of this, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the printing apparatus of Kamir '663 as taught by Tomida '001 since Tomida '001 suggested in Col 22 Lines 19-29 that such a modification would permit judge whether an or not the image is recorded on the display sheet.

With respect to Claim 19, Kamir '663 teaches a printable display system comprising: a display window (i.e., **12 of Fig. 2, Display screen**) ; a printing substrate (i.e., **Para 0058 , A printing screen where a color image can be created**) ; and a registration mechanism (i.e., **18 of Fig. 2A , Drive Means**) to connect the display system to a detachable printing apparatus (i.e., **Para 0014, Drive means moves display means to printing apparatus for printing**).

Kamir '663 does not explicitly teach a printable display system comprising an identifying mechanism.

However, the mentioned claimed limitations are well known in the art as evidenced by Tomida '001, In particular, Tomida '001 teaches the use of an identifying mechanism such as a scanner Col 22 Lines 19-29.

In view of this, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the a printable display system of Kamir '663 as taught by Tomida '001 since Tomida '001 suggested in Col 22 Lines 19-29 that such

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a modification would permit judge whether an or not the image is recorded on the display sheet.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis Dicker whose telephone number is (571) 270-3140. The examiner can normally be reached on Monday -Friday 7:30 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Aung Moe can be reached on (571) 272-7314. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

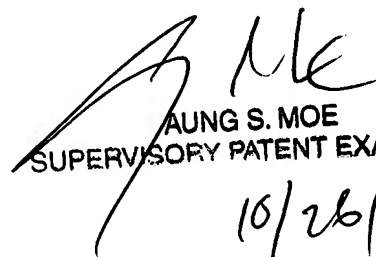
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DD
October 22, 2007


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